

Title (en)
OIL AND GAS RECOVERY ARTICLES

Title (de)
ÖL- UND GASRÜCKGEWINNUNGSARTIKEL

Title (fr)
ARTICLES DE RÉCUPÉRATION D'HUILE ET DE GAZ

Publication
EP 3083788 A1 20161026 (EN)

Application
EP 14815673 A 20141217

Priority

- US 201361917614 P 20131218
- EP 14165228 A 20140417
- EP 2014078113 W 20141217
- EP 14815673 A 20141217

Abstract (en)
[origin: WO2015091588A1] An oil and gas recovery article comprising at least one part made from injection molding a composition [composition (C)] consisting essentially of, from 50 to 99.5 % by weight (wt. %) of at least one polyaryletherketone polymer [(PAEK) polymer, herein after]; from 0.5 to 15.0 % by weight (wt. %) of at least one nitride (NI) of an element having an electronegativity (ϵ) of from 1.3 to 2.5, as listed in « Handbook of Chemistry and Physics », CRC Press, 64th edition, pages B-65 to B-158; and from 0 to 35.0 % by weight (wt. %) of at least one optional ingredient selected from the group consisting of selected from the group consisting of colorants, pigments, light stabilizers, heat stabilizers, antioxidants, acid scavengers, processing aids, nucleating agents, internal lubricants and/or external lubricants, flame retardants, smoke-suppressing agents, anti-static agents, anti-blocking agents, conductivity additives and reinforcing additives, all wt. % are relative to the total weight of the composition (C).

IPC 8 full level
C08K 3/00 (2006.01); **C08K 3/28** (2006.01)

CPC (source: EP US)
B29C 45/0001 (2013.01 - US); **C08K 3/013** (2017.12 - EP US); **C08K 3/28** (2013.01 - EP US); **C08K 3/38** (2013.01 - EP US); **E21B 4/00** (2013.01 - US); **E21B 17/00** (2013.01 - US); **E21B 33/12** (2013.01 - US); **E21B 34/00** (2013.01 - US); **E21B 43/121** (2013.01 - EP US); **B29K 2071/00** (2013.01 - US); **B29K 2105/0005** (2013.01 - US); **C08K 2003/385** (2013.01 - EP US)

Citation (search report)
See references of WO 2015091588A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015091588 A1 20150625; CN 106029761 A 20161012; CN 106029761 B 20190719; EP 3083788 A1 20161026; EP 3083788 B1 20210324; JP 2017500410 A 20170105; JP 6798884 B2 20201209; US 2016312000 A1 20161027; US 2020157309 A1 20200521

DOCDB simple family (application)
EP 2014078113 W 20141217; CN 201480075880 A 20141217; EP 14815673 A 20141217; JP 2016541102 A 20141217; US 201415103129 A 20141217; US 202016751295 A 20200124